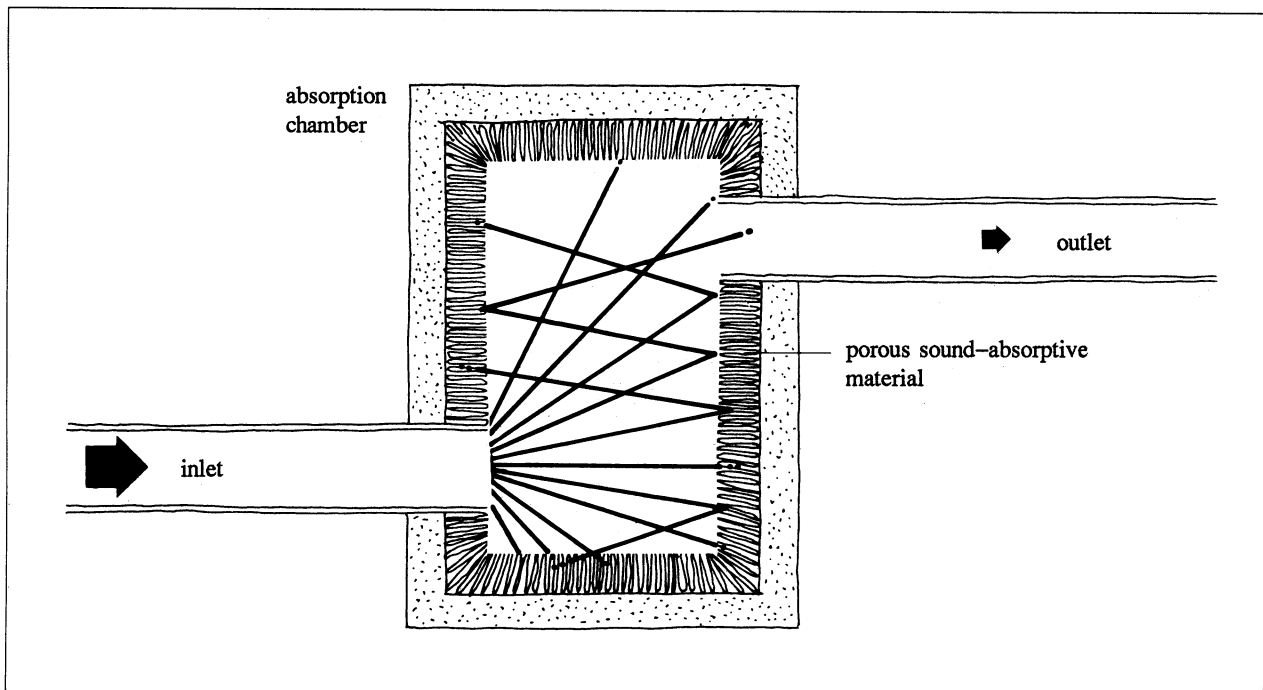


UNUSED SPACES CAN BE BE ABSORPTION CHAMBERS

The absorption chamber is a simple muffler. One section of the muffler consists of a room whose walls are covered with sound-absorptive material. When sound is reflected by the chamber walls, sound energy is absorbed. To prevent the passage of high-frequencies, the inlet and the outlet of the chamber should not be located opposite one another. The greater the chamber volume and the thicker the absorptive material used, the lower the frequency at which the muffler is effective.

Principle



Application to a ventilation system.

Example

The shape of the absorption chamber is of little significance. Unused spaces can be simply converted to absorption chambers.

